"PATENT"

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Catalyst Composition, Method of Polymerization, and Polymer Therefrom the specification of which is attached hereto unless the following box is checked: 09/425,387 Oct. 22, 1999 as Application Serial No. or PCT International Application No. and was amended on (if applicable). N/A I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed. Priority Claimed Prior Foreign Application(s) [] [] (Day/Month/Year Filed) (Number) (Country) [] [] (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below. (Filing Date) (Application Number) (Filing Date) (Application Number) I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Application Serial No.) (Filing Date) (Status - patented, pending, abandoned)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Serial No.)

Case Docket No.	1999U026.US
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POWER OF AT	TORNEY: As a named inventor, I	hereby appoint the fo	ollowing attorney	(s) and/or	agent(s) to prosecute this
application and tra	nsact all business in the Patent and Tra	ademark Office connec	ted therewith.		
NAMES		REGISTRA	TION NUMBERS	3	
Jaimes Sher		34,726		-	
Lisa Kimes Jones		41,878			
William G. Muller		32,281		·	
SEND CORRESP	ONDENCE TO:		LEPHONE CALI		
Univation Technol	agias LLC	(Name and I	elephone Number	r)	
5555 San Felipe, S		Phone No.:	(713) 892-3668	0	
Houston, Texas 7			o.: (713) 892-3699		
punishable by fine	; and further that these statements wer e or imprisonment, or both, under Se pardize the validity of the application	ection 1001 of Title 1	8 of the United		
FULL NAME	LAST NAME	FIRST NAME	 	MIDDLI	E NAME
OF INVENTOR	Loveday	Donald		R.	-
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	 	RY OF CITIZENSHIP
CITIZENSHIP	Houston	Texas		United S	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	2419 Jasmine Ridge Court	Houston	Texas		77062
Inventor's sign	ature Ohn		Date NO	v. 8,199	9
FULL NAME	LAST NAME	FIRST NAME		MIDDLI	E NAME
OF INVENTOR	McConville	David		H.	
RESIDENCE &	CITY	STATE OR FOREIG	ON COUNTRY	+	RY OF CITIZENSHIP
CITIZENSHIP	Houston	Texas		Canada	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO		ZIP CODE
ADDRESS	4015 Cinnamon Fern Court	Houston	Texas		77059
Inventor's sign	ature Daniel Woni	ullo	Date _//	1/8/99	9
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	ENAME
OF INVENTOR	Szul	John		F.	

STATE OR FOREIGN COUNTRY

West Virginia

CITY

Nitro

RESIDENCE &

CITIZENSHIP

POST OFFICE

ADDRESS

CITY

Nitro

5 Lake Lane

POST OFFICE ADDRESS

Inventor's signature

COUNTRY OF CITIZENSHIP

25143

ZIP CODE

United States

STATE OR COUNTRY

West Virginia

MIDDLE NAME

RESIDENCE &	Erickson	Kersten		Anne	
	CITY	STATE OR FOREIGN COUNTRY		COUNT	RY OF CITIZENSHIP
CITIZENSHIP	South Charleston	West Virginia		United S	tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	825-A Glendale Avenue	South Charleston	West Virginia		25303
					
. Inventor's signat	ture		Date		
					
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
1	Mawson	Simon		MIDDLE	NAME
<u> </u>	CITY	STATE OR FOREIG	SNICOLINITRY	COLINITI	RY OF CITIZENSHIP
]	Charleston	West Virginia		United St	
 	POST OFFICE ADDRESS	CITY	STATE OR CO		
}			,		1
ADDRESS	318 South Pointe	Charleston	West Virginia		25314
Inventor's signat	ure		Date		
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
(f		MIDDLE	NAME
	Kwack	Tae Hoon STATE OR FOREIC	CAL COLINITALY	COLINITI	RY OF CITIZENSHIP
i i	CITY				
	Belle Mead	New Jersey			
	POST OFFICE ADDRESS	CITY	STATE OR CO		
ADDRESS	241 Berkley Avenue	Belle Mead	New Jersey		08502
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	ure		Date	· · · · · · · · · · · · · · · · · · ·	
Inventor's signat	ure		Date		
Inventor's signat		FIRST NAME	Date	MIDDLE	
Inventor's signate	ure		Date	MIDDLE	NAME
Inventor's signate FULL NAME OF INVENTOR	ureLAST NAME	FIRST NAME		MIDDLE	
Inventor's signate FULL NAME OF INVENTOR RESIDENCE &	ure LAST NAME Karol	FIRST NAME Frederick	EN COUNTRY	MIDDLE J. COUNTF United St	NAME RY OF CITIZENSHIP ates
Inventor's signate FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP	LAST NAME Karol CITY	FIRST NAME Frederick STATE OR FOREIG		MIDDLE J. COUNTF United St	NAME RY OF CITIZENSHIP ates
Inventor's signate FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE	ure LAST NAME Karol CITY Belle Mead	FIRST NAME Frederick STATE OR FOREIC	EN COUNTRY	MIDDLE J. COUNTR United St	NAME RY OF CITIZENSHIP ates ZIP CODE
Inventor's signate FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME Karol CITY Belle Mead POST OFFICE ADDRESS 18 Hiland Drive	FIRST NAME Frederick STATE OR FOREIC New Jersey CITY Belle Mead	STATE OR COI New Jersey	MIDDLE J. COUNTR United St	NAME RY OF CITIZENSHIP ates ZIP CODE 08502
Inventor's signate FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME Karol CITY Belle Mead POST OFFICE ADDRESS	FIRST NAME Frederick STATE OR FOREIC New Jersey CITY Belle Mead	STATE OR COI New Jersey	MIDDLE J. COUNTR United St	NAME RY OF CITIZENSHIP ates ZIP CODE
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Inventor's signate FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signate	LAST NAME Karol CITY Belle Mead POST OFFICE ADDRESS 18 Hiland Drive	FIRST NAME Frederick STATE OR FOREIC New Jersey CITY Belle Mead	STATE OR COI New Jersey	MIDDLE J. COUNTR United St	NAME RY OF CITIZENSHIP ates ZIP CODE 08502
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Inventor's signate FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signate FULL NAME OF INVENTOR	LAST NAME Karol CITY Belle Mead POST OFFICE ADDRESS 18 Hiland Drive LAST NAME Schreck	FIRST NAME Frederick STATE OR FOREICE New Jersey CITY Belle Mead FIRST NAME David	STATE OR COUNTRY STATE OR COUNEW Jersey Date	MIDDLE J. COUNTF United St UNTRY MIDDLE James	NAME RY OF CITIZENSHIP ates ZIP CODE 08502
Inventor's signate FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signate FULL NAME OF INVENTOR RESIDENCE &	LAST NAME Karol CITY Belle Mead POST OFFICE ADDRESS 18 Hiland Drive LAST NAME Schreck CITY	FIRST NAME Frederick STATE OR FOREICE New Jersey CITY Belle Mead FIRST NAME David STATE OR FOREICE	STATE OR COUNTRY STATE OR COUNEW Jersey Date	MIDDLE J. COUNTR United St UNTRY MIDDLE James COUNTR	NAME RY OF CITIZENSHIP ates ZIP CODE 08502 NAME RY OF CITIZENSHIP
Inventor's signature FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signature FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP	LAST NAME Karol CITY Belle Mead POST OFFICE ADDRESS 18 Hiland Drive LAST NAME Schreck CITY Cross Lanes	FIRST NAME Frederick STATE OR FOREICE New Jersey CITY Belle Mead FIRST NAME David STATE OR FOREICE West Virginia	STATE OR COUNTRY STATE OR COUNTRY Date GN COUNTRY	MIDDLE J. COUNTR United St UNTRY MIDDLE James COUNTR United St	NAME RY OF CITIZENSHIP ates ZIP CODE 08502 NAME RY OF CITIZENSHIP ates
Inventor's signature FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signature FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE	LAST NAME Karol CITY Belle Mead POST OFFICE ADDRESS 18 Hiland Drive LAST NAME Schreck CITY Cross Lanes POST OFFICE ADDRESS	FIRST NAME Frederick STATE OR FOREICE New Jersey CITY Belle Mead FIRST NAME David STATE OR FOREICE West Virginia CITY	STATE OR COUNTRY STATE OR COUNTRY ON COUNTRY STATE OR COUNTRY	MIDDLE J. COUNTR United St UNTRY MIDDLE James COUNTR United St	NAME RY OF CITIZENSHIP ates ZIP CODE 08502 NAME RY OF CITIZENSHIP ates ZIP CODE
Inventor's signature FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS Inventor's signature FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE	LAST NAME Karol CITY Belle Mead POST OFFICE ADDRESS 18 Hiland Drive LAST NAME Schreck CITY Cross Lanes	FIRST NAME Frederick STATE OR FOREICE New Jersey CITY Belle Mead FIRST NAME David STATE OR FOREICE West Virginia	STATE OR COUNTRY STATE OR COUNTRY Date GN COUNTRY	MIDDLE J. COUNTR United St UNTRY MIDDLE James COUNTR United St	NAME RY OF CITIZENSHIP ates ZIP CODE 08502 NAME RY OF CITIZENSHIP ates

FIRST NAME

PAGE 3

FULL NAME

LAST NAME

"PATENT"

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Catalyst Composition, Method of Polymerization, and Polymer Therefrom the specification of which is attached hereto unless the following box is checked: Oct. 22, 1999 as Application Serial No. or PCT International Application No. was filed on 09/425,387 - and was amended on (if applicable). N/A I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s) Priority Claimed [] [] (Day/Month/Year Filed) (Country) (Number) [] [] (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below. (Filing Date) (Application Number) (Application Number) (Filing Date) I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Filing Date) (Status - patented, pending, abandoned) (Application Serial No.)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Serial No.)

Case	Docket No.	1999U026.US
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NAMES aimes Sher Lisa Kimes Jones William G. Muller SEND CORRESPO		REGISTR 34,726 41,878 32,281	ATION NUMBERS			
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SEND CORRESPO		32,281				
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	ogies LLC	(•		
555 San Felipe, S		Phone No.: (713) 892-3668				
Houston, Texas 77	056	Facsimile No.: (713) 892-3699				
elieved to be true junishable by find	at all statements made herein of my of and further that these statements we or imprisonment, or both, under S pardize the validity of the application	ere made with the know Section 1001 of Title	owledge that willfule 18 of the United	false staten	nents and the like so m	
ULL NAME	LAST NAME	FIRST NAME		MIDDLI	E NAME	
OF INVENTOR	Loveday	Donald		R.		
ESIDENCE &	CITY	STATE OR FOR	EIGN COUNTRY	COUNT	RY OF CITIZENSHIP	
CITIZENSHIP	Houston	Texas		United S	tates	
OST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CC	UNTRY	ZIP CODE	
ADDRESS	2419 Jasmine Ridge Court	Houston	Texas		77062	
Inventor's sign	ature		Date			
ULL NAME	LAST NAME	FIRST NAME		MIDDLE	e name	
F INVENTOR	McConville	David		Н.		
ESIDENCE &	CITY	STATE OR FOR	EIGN COUNTRY	COUNT	RY OF CITIZENSHIF	
CITIZENSHIP	Houston	Texas		Canada		
OST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE	
ADDRESS	4015 Cinnamon Fern Court	Houston	Texas		77059	
Inventor's sign	ature		Date			
ULL NAME	LAST NAME	FIRST NAME		1	E NAME	
F INVENTOR	Szul	John		F.		
/I AITT DITTOIL	CITY		EIGN COUNTRY		RY OF CITIZENSHIF	
ESIDENCE &	Nitro	West Virginia				
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	Nitro	West Virginia	STAT	E OR CC	United S E OR COUNTRY Virginia	

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FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME	
OF INVENTOR	Erickson	Kersten		Anne		
RESIDENCE &	CITY	STATE OR FOREIG	ON COUNTRY	COUNT	RY OF CITIZENSHIP	
CITIZENSHIP	South Charleston	West Virginia		United S	tates	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE	
ADDRESS	825-A Glendale Avenue	South Charleston	West Virginia		25303	
Inventor's signa	ature Yeister Anne E	udean-	Date	1-849	7	
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME	
OF INVENTOR	Mawson			MIDDLE	NAME	
RESIDENCE &		Simon	NI COLDIEDA	COLDETT	NA OF CITIZENIONE	
	CITY Charleston	STATE OR FOREIC	IN COUNTRY		RY OF CITIZENSHIP	
CITIZENSHIP	 	West Virginia	074 TE 07 00	United St	,	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO		ZIP CODE	
ADDRESS	318 South Pointe	Charleston	West Virginia		25314	
Inventor's signa	iture Simon Man.	&~	Date	11/8/	99	
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME	
OF INVENTOR	Kwack	Tae Hoon				
RESIDENCE &	CITY	STATE OR FOREIG	N COLINTRY	COLINTR	Y OF CITIZENSHIP	
CITIZENSHIP	Belle Mead	New Jersey	in cooming	United St		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COL			
ADDRESS	241 Berkley Avenue	Belle Mead	New Jersey	311111	08502	
1201000	2 11 Bolkies 11 tolide	Bono ividua	Them series			
Inventor's signa	ture		Date			
211.011.01.01.01.01.01.01.01.01.01.01.01.						
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME	
OF INVENTOR	Karol	Frederick	Į	J.	NAME	
		STATE OR FOREIG	N COLDETBY		Y OF CITIZENSHIP	
RESIDENCE &	CITY		N COUNTRY		1	
CITIZENSHIP	Belle Mead	New Jersey	STATE OR COL	United Sta		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COU		ZIP CODE	
ADDRESS	18 Hiland Drive	Belle Mead	New Jersey		08502	
Inventor's signat	ture		Date			
· ·						
FULL NAME	LAST NAME	FIRST NAME	<u>-</u>	MIDDLE	NAME	
OF INVENTOR	Schreck	David		James	MANUE	
RESIDENCE &	CITY	STATE OR FOREIG	N COLINTRY		Y OF CITIZENSHIP	
CITIZENSHIP	Cross Lanes	West Virginia	N COONTRI	United Sta	í	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COL		ZIP CODE	
				11111		
Inventor's signature David Symp Albace Date National S, 1943						

DECLAR.DOT

PAGE 3

Case Docket No. 1999U0)26.US	
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"PATENT"

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I h	ereby declare that:			
My residence, post office addre	ss and citizenship are as s	stated below next to m	y name.	
I believe I am the original, first names are listed below) of the s Catalyst the specification of which is at	ubject matter which is cla Composition, Method o	timed and for which a of Polymerization, an	patent is sought on the invid Polymer Therefrom	
	as Application		ternational Application No	09/425,387
I hereby state that I have review by any amendment referred to a		ntents of the above id	entified specification, inclu	iding the claims, as amended
I acknowledge the duty to discl Code of Federal Regulations, §		material to the exam	ination of this application	in accordance with Title 37
I hereby claim foreign priority to certificate(s), or § 365(a) of an listed below and have also iden PCT International application has	y PCT International applitified below, by checking	lication which design the box, any foreign	ated at least one country of application(s) for patent of	other than the United States or inventor's certificate(s), or
Prior Foreign Application(s)				Priority Claimed
. (Number)	(Country)	(Day/Month/Year	[]	[] No
(Number)	(Country)	(Day/Month/Year	Filed) Yes	[] No
I hereby claim the benefit under	35 U.S.C. § 119(e)(1)-(2)) of any United States	provisional application(s)	listed below.
(Application Number)		(Filing Date)		
(Application Number)		(Filing Date)		
I hereby claim the benefit under designating the United States, lis the prior United States or PCT acknowledge the duty to disclos available between the filing date	ted below and, insofar as International application material information with	the subject matter of a on in the manner pro hich is material to pa	each of the claims of this a poided by the first paragr tentability as defined in 37	pplication is not disclosed in aph of 35 U.S.C. § 112, I CFR § 1.56 which became
(Application Serial No.)	(Filing Date)		(Status - patented, pending, ab-	andoned)
(Application Serial No.)	(Filing Date)		(Status - patented, pending, abo	andoned)

Date ____

POWER OF ATT	TORNEY: As a named inventor, I nsact all business in the Patent and Tr	hereby appoint the for rademark Office connec	ollowing attorneyo	(s) and/or a	agent(s) to prosecute this
NAMES		REGISTRA	TION NUMBERS		
Jaimes Sher		34,726			
Lisa Kimes Jones		41,878			
William G. Muller		32,281			
SEND CORRESPO	ONDENCE TO:	DIRECT TE	LEPHONE CALI	LS TO:	
•			Telephone Number	-	
Univation Technol			-		
5555 San Felipe, S		Phone No.: (713) 892-3668			
Houston, Texas 7	7056	Facsimile No	o.: (713) 892-369	9	
believed to be true punishable by fine	at all statements made herein of my or ; and further that these statements we e or imprisonment, or both, under S pardize the validity of the application	re made with the know Section 1001 of Title	ledge that willful 18 of the United	false staten	nents and the like so made
FULL NAME	LAST NAME	FIRST NAME	· · · · · · · · · · · · · · · · · · ·	MIDDLI	ENAME
OF INVENTOR	Loveday	Donald		R.	
RESIDENCE &	CITY	STATE OR FOREI	GN COUNTRY		RY OF CITIZENSHIP
CITIZENSHIP	Houston	Texas		United S	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CC	UNTRY	ZIP CODE
ADDRESS	2419 Jasmine Ridge Court	Houston	Texas		77062
Inventor's sign	ature	 	Date	·	
FULL NAME	LAST NAME	FIRST NAME	·	MIDDLE	NAME
OF INVENTOR	McConville	David		H.	
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Houston	Texas		Canada	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO		ZIP CODE
ADDRESS	4015 Cinnamon Fern Court	Houston	Texas		77059
Inventor's sign	ature		Date		
	T				
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	Szul	John		F.	
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Nitro	West Virginia		United St	ates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
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DECLAR.DOT PAGE 2

Inventor's signature

Case Docket No. 1999U026.US

FULL NAME	LAST NAME	FIRST NAME		MIDDLI	ENAME
OF INVENTOR	Erickson	Kersten	· .	Anne	
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	South Charleston	West Virginia		United S	tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	825-A Glendale Avenue	South Charleston	West Virginia		25303
Inventor's sign	ature		Date		
		,			
FULL NAME	LAST NAME	FIRST NAME	·	MIDDLE	NAME
OF INVENTOR	Mawson	Simon_		<u> </u>	
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Charleston	West Virginia		United St	tates .
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	318 South Pointe	Charleston	West Virginia		25314
			• .•		
Inventor's signature			Date		
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	Kwack	Tae Hoon		MIDDEL	TAME
RESIDENCE &	CITY	STATE OR FOREIG	N COLINTRY	COLINITE	RY OF CITIZENSHIP
CITIZENSHIP	Belle Mead	New Jersey	IN COUNTRY	United St	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO		
ADDRESS	241 Berkley Avenue	Belle Mead	New Jersey		08502
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Inventor's signs	ature Dell, Sova	Wh	Date	11/10	199
inventor a signa	mure		Date		
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FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	Karol	Frederick		J.	
RESIDENCE &	CITY	STATE OR FOREIG	N COUNTRY	COUNTR	Y OF CITIZENSHIP
CITIZENSHIP	Belle Mead	New Jersey		United Sta	ates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	JNTRY	ZIP CODE
ADDRESS	18 Hiland Drive	Belle Mead	New Jersey		08502
Inventor's signa	ture <u>Frederick</u> J. Ka	uol .	Date//	110/99	
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FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	Schreck	David		James	
RESIDENCE &	CITY	STATE OR FOREIG	N COUNTRY		Y OF CITIZENSHIP
CITIZENSHIP	Cross Lanes	West Virginia		United Sta	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COU	JNTRY	ZIP CODE
ADDRESS	5226 Sun Valley Drive	Cross Lanes	West Virginia		25313
Inventor's signa	ture		Date		

DECLAR.DOT



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

MARCH 31, 2000

PTAS

UNIVATION TECHNOLOGIES LLC. LISA KIMES JONES 5555 SAN FELIPE, SUITE 1950 HOUSTON, TEXAS 77056



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/10/2000 REEL/FRAME: 010491/0078

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LOVEDAY, DONALD R. DOC DATE: 11/08/1999

ASSIGNOR:

MCCONVILLE, DAVID H. DOC DATE: 11/08/1999

ASSIGNOR:

SZUL, JOHN F. DOC DATE: 11/08/1999

ASSIGNOR:

ERICKSON, KERSTEN ANNE DOC DATE: 11/08/1999

ASSIGNOR:

MÄWSON, SIMON DOC DATE: 11/08/1999

ASSIGNOR:

KWACK, TAE HOON DOC DATE: 11/10/1999

ASSIGNOR:

KAROL, FREDERICK J. DOC DATE: 11/10/1999

010491/0078 PAGE 2

ASSIGNOR:

SCHRECK, DAVID JAMES

DOC DATE: 11/08/1999

ASSIGNEE:

UNIVATION TECHNOLOGIES, LLC 5555 SAN FELIPE, SUITE 1950 HOUSTON, TEXAS 77056

SERIAL NUMBER: 09425387

PATENT NUMBER:

FILING DATE: 10/22/1999

ISSUE DATE:

KIMBERLY WHITE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

01-20-2	2000
FORM PTO-1595	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
RI	HEET
To the Honorable Commissioner of P. 101247	392 ached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Donald R. Loveday, David H. McConville,	2. Name and address of receiving party(les).
John F. Szul, Kersten Anne Erickson, Simon Mawson, Tae Hoon Kwack,	Name: Univation Technologies, LLC
Frederick J. Karol and David James Schreck	Street Address: 5555 San Felipe, Suite 1950
Additional name(s) of conveying party(ies) attached? Yes No	City: Houston State: Texas ZIP: 77056
3. Nature of conveyance:	
	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):	JAN 1 0 2000
If this document is being filed together with a new application, the	e execution date of the application is:
A. Patent Application No.(s) 09/425,387	B. Patent No.(s)
Additional numbers attac	hada 🗆 Var. — S 🗖 Na
5. Name and address of party to whom correspondence	hed? Yes No 6. Total number of applications and patents involved: [1]
concerning documents should be mailed:	o. Total number of applications and patents involved. [1]
Name: Lisa Kimes Jones	7. Total fee (37 CFR 1.41): \$40.00
Internal Address: Univation Technologies LLC.	
Mailing Address: 5555 San Felipe, Suite 1950 City: Houston State: Texas ZIP: 77056	Authorized to be charged to deposit account
,	8. Deposit account number: 50-0589
DO NOT USE	THIS SPACE
9. Statement and signature.	
	formation is true and correct and any attached copy is a true
Copy of the original document.	$1/\bigcirc$
Lisa Kimes Jones	January 7, 2000
Name of Person Signing	Signature Date
Total number of pages including cover	sheet, attachments, and document: [8]
Mail documents to be recorded with required cover sheet informat	ion to:
COMMISSIONER OF PATI	ENTS AND TRADEMARKS
BOX ASSI	
WASHINGTO	ON DC 20231
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01/19/2000 DNGUYEN 06000156 500589 09425387 01 FC:581 40.00 CH

ASSIGNMENT OF INVENTION, PRIORITY RIGHTS AND RIGHTS TO APPLY FOR PATENTS

given the Ser	ial No. 09/425,387, and file	ed on October 22, 199	99, with the Family Number	1999U026.
on the	8th/10th	day(s) of	November	, 1999
as described			ent in the United States of A	merica, executed
co-inventor o	f an invention for Catalyst	Composition, Method	of Polymerization, and Poly	mer Therefrom
Karol, David	James Schreck, HEREBY	STATE UNDER OAT	H that I am the original and	first inventor or
I, the undersi	gned, John F. Szul, Kerste	en Anne Erickson, Sin	non Mawson, Tae Hoon Zwa	ack, Frederick J.

NOW, THEREFORE, in consideration of my employment by Union Carbide Corporation, manufacturers, a corporation organized and existing under the laws of the State of New York, United States of America and having an office at 39 Old Ridgebury Road, Danbury, State of Connecticut, 06817-0001, United States of America, and having as its fifty-percent-owned joint venture, UNIVATION TECHNOLOGIES, LLC, technology licensors, a company organized and existing under the laws of the State of Delaware, United States of America, and having an office at 5555 San Felipe, Suite 1950, Houston, Texas, 77056, United States of America,

I DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, my entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid UNIVATION TECHNOLOGIES, LLC, its successors, assigns and nominees, and the entire right, title and interest in and to all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions thereof;

AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Convention;

AND THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or mine, and the sole right to have patents granted on said applications in its name and/or mine to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by me had this assignment not been made, and to enforce said patents with my right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND AUTHORIZE the above-named Assignee to insert in this instrument the execution date, serial number and filing date of said application;

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Page 2 of 3

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention to said UNIVATION TECHNOLOGIES, LLC as Assignee of the entire right. title and interest, and covenant that I have full right so to do, and agree that I will communicate to said Corporation or its representatives any facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE	11/8/99 John J. Szul John F. Szul	(LS) —
	You Etta Lox Witness	
DATE	1118199 <u>Keister Anne Eucksm</u> Kersten Anne Erickson	(LS)
	You Etta Cox Witness	
DATE	11/8/99 Simon Mawson	(LS) —
	Witness	

DATE			(LS)
		Tae Hoon Kwack	
		Witness	
DATE			(LS)
		Frederick J. Karol	
		Witness	
DATE	Nov	8,1999 David James Schreck	(LS)
		Jon Sta Cx Witness	

ASSIGNMENT OF INVENTION, PRIORITY RIGHTS AND RIGHTS TO APPLY FOR PATENTS

given the S	Serial No. 09/425,387, and	filed on October 22, 1999	9, with the Family Number 1	999U026.
on the	8th/10th	day(s) of	November	, 1999
as describe	ed and/or claimed in my a	oplication for Letters Pate	ent in the United States of A	merica, executed
co-inventor	r of an invention for Cataly	st Composition, Method	of Polymerization, and Poly	mer Therefrom
Karol, Dav	id James Schreck, HEREI	BY STATE UNDER OAT	H that I am the original and	first inventor or
I, the unde	rsigned, John F. Szul, Ker	sten Anne Erickson, Sim	on Mawson, Tae Hoon ∠wa	ck, Frederick J.

NOW, THEREFORE, in consideration of my employment by Union Carbide Corporation, manufacturers, a corporation organized and existing under the laws of the State of New York, United States of America and having an office at 39 Old Ridgebury Road, Danbury, State of Connecticut, 06817-0001, United States of America, and having as its fifty-percent-owned joint venture, UNIVATION TECHNOLOGIES, LLC, technology licensors, a company organized and existing under the laws of the State of Delaware, United States of America, and having an office at 5555 San Felipe, Suite 1950, Houston, Texas, 77056, United States of America,

I DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, my entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid UNIVATION TECHNOLOGIES, LLC, its successors, assigns and nominees, and the entire right, title and interest in and to all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions thereof;

AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Convention;

AND THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or mine, and the sole right to have patents granted on said applications in its name and/or mine to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by me had this assignment not been made, and to enforce said patents with my right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND AUTHORIZE the above-named Assignee to insert in this instrument the execution date, serial number and filing date of said application;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention to said UNIVATION TECHNOLOGIES, LLC as Assignee of the entire right. title and interest, and covenant that I have full right so to do, and agree that I will communicate to said Corporation or its representatives any facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE	· · · · · · · · · · · · · · · · · · ·	(LS)
	John F. Szul	
	·	·
	Witness	
DATE		(LS)
	Kersten Anne Erickson	
	Witness	
DATE		(LS)
	Simon Mawson	
 -	Witness	

DATE	11/10/99 Jelli Mach Tae Hoon Kwack	(LS) —
	Balan Muller Witness	
DATE	11/10/99 Ziederick J. Karol Frederick J. Karol	(LS) —
	Babaa Mullar Witness	
DATE	David James Schreck	(LS)
	Witness	

ASSIGNMENT

INVENTOR or INVENTORS:

_	Donald R. Loveday	David H. McConville			
which follows	is hereby acknowledged, the undersigned person(s) name	(\$125.00) and other good and valuable consideration, the receipt of dabove, herein referred to as UNDERSIGNED, hereby agree(s) as			
	1) UNDERSIGNED hereby assign(s) to Univation Technologies, LLC, a Delaware company, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled				
	Catalyst Composition, Method of P	olymerization, and Polymer Therefrom			
	said application having been executed on the 8th/10th day(s) of November, 1999, and being further identified as Case No. 1999U026, U.S.S.N. 09/425,387, filed October 22, 1999; and all rights of priority created by said application under provisions of international conventions or treaties.				
	2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.				
	3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.				
	4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.				
	5) UNDERSIGNED hereby authorize(s) ASSIG on which UNDERSIGNED executed the Declaration fo and application number thereof when known.	NEE's attorney to insert at paragraph 1, in this instrument the date(s) r the above-referenced patent application, as well as the filing date			
NAME.	IN WITNESS WHEREOF, this assignment has been exe	cuted by UNDERSIGNED on the date opposite UNDERSIGNED'S			
DATE	NOV. 8, 1999	Donald R. Loveday (LS)			
DATE	11/8/99 	tness David H. McConville (LS)			

POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT,
NOT ACCOMPANYING
APPLICATION

Application Number	09/865,067	
Filing Date	05/24/2001	
First Named Inventor	Lov day, et al.	
Group Art Unit	1755	
Examiner Name	Pasterczyk, James W.	
Attorney Docket Number	1999U026D2.US	

APPLICATION		Group / int Grint	1733
		Examiner Name	Pasterczyk, James W.
		Attorney Docket Number	1999U026D2.US
I hereby appoint:	_		
Practitioners at Customer Number	. 2	5959	F. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
OR			PATENT TRADEMARK OFFICE
Practitioner(s) named below:			TAILM INDUMAR OF FICE
i ractitioner(s) harried below.			
	·		-
Attorney/Ager	nt ·	Registrat	ion Number
·			
Darrell E. Warner		36	,046
Kevin M. Faulkner		45	,427
Raul R. Montes		32	,545
Osborne K. McKinney		40	,084
Kelly A. Morgan		35,620	
As more allowers the second of			
As my/our attorney(s) or agent(s) to pros Patent and Trademark Office connected	ecute the ap _l therewith.	olication identified above, a	and to transact all business in the
	<u> </u>		
Please change the correspondence addr	ess for the at	ove-identified application	to:
The above-mentioned Customer	Number.		
OR			
Firm or			
Individual Name Univation Technologies	, LLC		
Address 5555 San Felipe			
Address Suite 1950			
City Houston Star			Zip Code 77056
Country United States of America			
Telephone (713) 892-3729 Fax (713) 892-3687		(713) 892-3687	
I am the:			
☐ Applicant			
SIGNATI	IRE OF Appli	cant or Assign e of R cord	
	_	Secretary for Univation Tech	inologies, LLC
Signature Parent Date December	lunce	,	
December December	3,2002.		

POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT,
NOT ACCOMPANYING
APPLICATION

Application Number	09/865,067	
Filing Date	05/24/2001	_
First Named Inventor/	Donald R. Loveday	-
Group Art Unit	1755	_
Examiner Name	Pasterczyk, James W.	_
Attorney Docket Number	1999U026D2.US	_

ADDI IOATION	Group Art Unit	1/55	
APPLICATION	Examiner Name	Pasterczyk, James W.	
<u>†</u>	Attorney Docket Number	1999U026D2.US	
I hereby appoint: Practitioners at Customer Number OR 25	959	Number Lode Labet Here PATENT TRADEMARK OFFICE	
□ D (15) (4) (4)			
Practitioner(s) named below:			
Attorney/Agent	Registration	on Number	
Osborne K. McKinney	40,	084	
Kevin M. Faulkner	45,	427	
Raul R. Montes	32,	545	
Stephen P. Koch	37,	660	
Kelly A. Morgan	35,620		
As my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.			
Please change the correspondence address for the at The above-mentioned Customer Number.	oove-identified application t	to:	
OR			
Firm or Individual Name Univation Technologies, LLC			
Address 5555 San Felipe Address Suite 1950			
City Houston State Texas		Zip Code 77056	
Country United States of America			
Telephone (713) 892-3729	Fax	(713) 892-3687	
I am the:			
☐ Applicant			
SIGNATURE OF Appl	icant or Assignee of Record	d	
Name (Print/Type) Raul R. Montes, General Counsel and	d Secretary for Univation Tecl	hnologies, LLC	
Signature Racellerone			
· · · · · · · · · · · · · · · · · · ·			

		Application Number	09/425,387	
POWER OF ATTORNEY OR		Filing Date	October 22, 1999	
AUTHORIZATION OF AGENT,		First Named Inventor	David H. McConvill	
NOT ACCOMPANYING		Group Art Unit	1713	
F	APPLICATION	Examiner Name	W. Cheung	
		Attorney Docket Number.	1999U026.US	
I hereby appoint:				
Practitioners at Customer Number			Place Customer Number Bar Code Label Here	
OR DATE DOCKETED Label Here				
Practitioner(s) named below:				
		By UPK		
	Attorney/Agent	Registration	on Number	
Dar	rell E. Warner	36,	046	
Lisa	Kimes Jones	41,	878	
Raul R. Montes		32,	32,545	
As my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.				
Please change the correspondence address for the above-identified application to: The above-mentioned Customer Number. OR				
Firm or	University Technologies 11 C			
Individual Name Univation Technologies, LLC Address 5555 San Felipe				
Address	Suite 1950			
City	Houston State Tex	cas	Zip Code 77056	
Country	United States of America	Fax	(713) 892-3687	
Telephone (713) 892-3668 Fax (713) 892-3687				
I am the:				
☐ Applicant				
Assignee of record of the entire interest				
SIGNATURE OF Applicant or Assignee of Record				
Name (Print/Type)	Raul R. Montes, General Counsel and Secretary for Univation Technologies, LLC			
Signature	Rauefluore			
Doto	3-17-0			